Peak Ground Velocity Map USGS ShakeMap: Tonga May 10, 2023 16:02:00 UTC M7.6 S15.63 W174.49 Depth: 210.0km ID:us6000kawn 12°S Asau Apia 14°S **L**eava 2.0 5.0 0 16°S 0 18°S Neiafu km 200 100 176°W 178°W 174°W 172°W PGV (cm/s) 0.1 0.2 0.5 2 5 10 20 **50** 100 200 1

Scale based on Worden et al. (2012) △ Seismic Instrument ∘ Reported Intensity Version 5: Processed 2023-06-08T04:03:45Z

**★** Epicenter